

ABSTRACT

A speech signal of frequency f1 transmitted from a mobile station (MS) 201 which is a communication terminal 5 is received by a base station (BS) 202 and undergoes predetermined processing, and the obtained receive data is sent to a mobile switching center (MSC) 204 via a radio network controller 203. In the MSC, data from a number of base stations is bundled and sent to a telephone network 10 207. On the other hand, a high-speed packet of frequency f2 transmitted from the mobile station (MS) 201 is received by a base station (BS) 205 and undergoes predetermined processing, and the obtained receive data is routed by a router 206 and sent to an IP (Internet Protocol) network 15 208.